

Purchasing Receipts

PO No	Supplier Item No	Line Item No	Re Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Past Due Days	Total	Supplier Name
PO040616	MES002-VC	2	1 Net 30	M6061T6S.063	6061-T6 .063 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf				96	8/10/2018		S101049	Stock	8/9/2018	\$ 9.20 / sf	11	\$883.35	Metaux Solutions	
		3		M5052H32S.032	5052-H32 .032 Sheet : MATERIAL: 5052-H32 ALUMINUM SHEET AS PER QQ-A-250/8 OR AMS-QQ-A-250/8 OR AMS 4016 OR ASTM B209 receive sf				64			S101050	Stock	8/9/2018	\$ 4.45 / sf	11	\$284.60	Metaux Solutions	
		4		MT-4140-B-0.500x0.500	4140 Steel Bar 0.500 X 0.500 : AISI 4140 STEEL BAR PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MINIMUM ROCKWELL C = 28 RC MAXIMUM ROCKWELL C = 32 RC receive ft				10			S101051	Stock	8/9/2018	\$ 7.50 / ft	11	\$37.50	Metaux Solutions	
		5		MT-4140-S-1.500X4.000	4140 Steel Sheet 1.500 X 4.000 : MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE MINIMUM ROCKWELL C = 28 Rc MAXIMUM ROCKWELL C = 32 Rc ASTM A229, AMS 6395				6			S101052	Stock	8/9/2018	\$ 64.77 / ft	11	\$388.60	Metaux Solutions	

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
		6			MT-A500-TS-0.750W.065	A500 Square Tubing 1.750"" x .065"" wall : MATERIAL: ASTM A500 STEEL SQUARE TUBING SPECIFICATION: ASTM A500 OR ASTM A513 MT-A500-TS-[A,AAA]W[T,TTT] receive ft				20	8/20/2018	20	\$103410	Stock	8/10/2018	\$ 1.80 / ft	10		\$36.00	Metaux Solutions	
Total:																				\$1,246.67	

Shipping Order 06/08/2018

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 Tel.: 450 641-3330

Order : 137136
Reference : 40616
Ship : PICK UP / PICK UP

Customer: 6323336

Ship To

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
AS04061	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N ALU SHE .040 6061-T6 (18G) 3 X 4' X 12' ***** HT	144	144	144
AS063614'X8'	ALU SHE .063" X 4' X 8' 6061-T6 3 PCES ***** HT 61011/01/00 At	3	3	0
AS03252	ALU SHEE .032 X 4' X 8 5052H32 2 PCES***** HT G-18020681 At	2	2	0
MSQ1241CD	4140 SQU .500 CD 2 X 5' HT 4585-A At	10	5	5 only received
MP11241H	4140 HTSR PLATE 1.5" THICK 1 X 4" X 72" HT 95008 At	134	134	4
CREW3434065	CREW TUB>.750 X .750 X .065 1 X 20' HT 615973 At	20	20	0
	SHIP JOURNEY COLLECT JP			

Shipping : _____

Ref. : _____

Package No. : _____

Merchandise Received: _____



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040616

Supplier: MES002-VC
Metaux Solutions
2625 boul Jacques-Cartier Est
Longueuil
QC
J4N 1L7 Canada
Phone: 800 558 8858
Fax: 514 633 8044

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO040616
PO Date: 7/26/18
Due Date: 8/13/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal Phone: clavoie@dartaero.com
Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

REvised

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M6061T6S.040		6061-T6 .040 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Firmed	-	8/30/18	144 sf	0 sf	144 sf	\$4.6010416/sf	\$662.55
4		MT-4140-B-0.500x0.500		4140 Steel Bar 0.500 X 0.500 : AISI 4140 STEEL BAR PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MINIMUM ROCKWELL C = 28 RC MAXIMUM ROCKWELL C = 32 RC receive ft	Partial	-	8/10/18	10 ft	5 ft	5 ft	\$7.50/ft	\$37.50

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6 A1		MT-A500-TS-0.750W.065		A500 Square Tubing 0.750" x.065" wall : MATERIAL: ASTM A500 STEEL SQUARE TUBING SPECIFICATION: ASTM A500 OR ASTM A513 MT-A500-TS-[A.AAA]W[T.TTT] receive ft	Firmed	-	8/17/18	20 ft	✓ 20 ft	20 ft	\$1.80/ft	\$36.00
Grand Total: \$736.05												
Order Notes												
<p>Procurement Quality Clauses</p> <p>A005 right of entry</p> <p>A012 chemical and physical test report</p> <p>A016 personnel qualification</p> <p>A017 raw material identification (as applicable)</p> <p>A026 certification of material conformance</p> <p>A041 quality management system</p> <p>A042 dart notification by supplier</p> <p>A043 retention of quality documents</p> <p>A048 counterfeit parts avoidance, detection, mitigation and disposition program</p> <p>A049 supplier awareness</p> <p>Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.</p>												

Plex 8/17/18 11:28 AM dart.lavoie.chantal

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-AS20-75-0.750W.065 PO / BATCH NO.: P0040616/S103410
 DATE: 18/08/20

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 20
 QUANTITY INSPECTED: 20
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750"
 THICKNESS RECEIVED: 0.750"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> <input type="checkbox"/> (N)	
CORRECT FINISH	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> <input type="checkbox"/> (N)	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<i>ASTM A513</i>
CORRECT THICKNESS	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> <input type="checkbox"/> (N)	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<i>HT: 615973</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> <input type="checkbox"/> (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> <input type="checkbox"/> (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/08/20</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

AMAG_®

ROLLING

Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 85150377 01 / 4

Rev.: 0

Seite / page: 1 von / of 2

Datum / date: 2015 11 10

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Auftraggeber / customer: Métaux Solutions inc. 2625, Boul. Jacques Cartier Est Longueuil, Qc. J4N 1L7	Bestell Nr. / order no.: C 70532
	Datum / date: 2015 05 20
Auftragsbest. Nr. / order confirm no.: 693391	
	Datum / date: 2015 05 21
Lieferschein Nr. / delivery note: 85150377	
	Datum / date: 2015 11 30

Produkt / product:	Bedingungen / terms:
Form / form: Sheet Werkstoff / material: 6061 Zustand / temper: T6 Dim. / dim.: [inch]: 0,063x48,00x96,00	Technische Lieferbedingungen / techn. spec.: AMS-QQ-A-250/11, 08.1997 (ASTM B 209- 14) AMS 4027N, 07.2008 Cessna CMMP019, Rev. D, 09-07-01 Cessna CMMP025, Rev. V, 2-20-15 Sondervorschrift / special terms:

AB-Pos. ord.-item:	BNr/Los/Teillot. Lot/No./Part:	Guss Nr. cast no.:	Werkstoff- material:	Karton- partno.:	Gewicht netto weight net:	Stk. pos.:
D610362	61011/01/00	01/0072091/5	6061	6933910027	2409,612 lbs	85
D610363	61011/01/00	01/0072091/5	6061	6933910028	2414,021 lbs	85
D610364	61011/01/00	01/0072091/5	6061	6933910029	2414,021 lbs	85
D610365	61011/01/00	01/0072091/5	6061	6933910030	2414,021 lbs	85
D610366	61011/01/00	01/0072091/5	6061	6933910031	2416,226 lbs	85
D610367	61011/01/00	01/0072091/5	6061	6933910032	2416,226 lbs	85
D610368	61011/01/00	01/0072091/5	6061	6933910033	1560,847 lbs	55

Chemische Zusammensetzung (%) Gewichtsanteile(e) / Chemical composition (%) weight proportion (GES))											
Guss Nr. / cast no.	material	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
01/0072091/5	6061	0,40	-	0,15	-	0,80	0,04	-	-	-	-
	spec. min.	0,80	0,70	0,40	0,15	1,20	0,35	0,25	0,15	0,05	0,15
	spec. max.	0,68	0,44	0,24	0,12	0,86	0,18	0,06	0,03	0,02	0,03
	actual										

Zugprüfung LT / tensile test LT.

BNr/Los Lot/No.	Zustand temper	Richtung direction	Tests	spec.min.	UTS	YS	A2 [°]			
					[ksi]	[ksi]	[%]			
				spec.max.	-	-	-			
61011/01	T6	LT	8	from	42,0	35,0	10			
61011/01	T6	LT		to	48,6	42,4	13			
					49,0	42,9	15			

Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate - mill certificate

Nr.: 85150377 01 / 4

Rev.: 0

Seite / page: 2 von / of 2

Datum / date: 2015 11 10

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Sonstige Prüfungen / other tests

Biegeversuch: OK. / Transverse bend test: OK.

Maßkontrolle: OK. / Dimensional Check: OK.

Oberfläche: OK. / Surface inspection: OK.

Bemerkungen / notes

Die Dimensionstoleranzen entsprechen ANSI XXX /

As standard, dimensional tolerances are to ANSI XXX

Ausgestellt nach Airbus Zulassung Nr. 30272.

Wir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt aller Forderungen (Spezifikationen, Zeichnungen, Aufträge) hergestellt und geprüft wurde.

Das Qualitätsmanagementsystem erfüllt die Anforderungen der AUK/SA/001-3.

Hergestellt, kontrolliert und geprüft nach Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland Genehmigung Lieferantennummer V21275

Issued under Airbus Approval No. 30272.

Certified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise stated above conform in all respects to the Specifications, Drawings and Contract.

Order relevant thereto The Quality Management System arrangements in respect of these supplies comply with the requirements of AUK/SA/001-3.

Manufactured, inspected and tested according Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland approval supplier code V21275

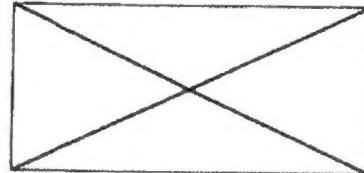
Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.

We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Werkstachverständiger / factory specialist	E-Mail / e-mail
Klampfer Josef	josef.klampfer@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.

Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.



SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6 / 62T651 ALUMINUM SHEET OR PLATE
SPECIFICATION: QC-T-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR 4027
OR ASTM B205

	<p>M6061T6S XXX X W.WWW THK WIDTH</p>	<p>WHERE "XXX" = THICKNESS (IN INCHES) AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING) EG. 0.083" THICK SHEET = M6061T6S.063 EG. 3.5" WIDE BY 0.500" THICK PLATE = M6061T6S.5000X3.500</p>
		<p>PREFERRED SIZE: XXX BY 4FT BY 8FT FOR SHEET</p>

PREFERRED SIZE

C ADD PLATE AND T851 SPEC		ML	17 12 13
REFORMATTED DWG. ADD B209 SPEC (ZN DB-1).		CP	09 07 13
REF PAR 01-020A		RF	01 06 08
NEW ISSUE		BY	DATE
REV	DESCRIPTION		
DESIGN	DS	DART AEROSPACE LTD	
DRAWN	ML	HAWKSBURY, ONTARIO, CANADA	
CHECKED	NO	DRAWING NO.	
MF.G APPR	JFS	M6061T6S	
APPROVED	HS	TITLE	
DE APPR	CP 47	6061-T6 SHEET/PLATE SPEC	
DATE	17.12.13	COPYRIGHT © 2001 BY DART AEROSPACE LTD	
APPROVED			
 2013 MAR 13 47 EEW 18-656			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061765.063
 DATE: 18/08/10

PO / BATCH NO.: P0040616/5101044

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 965 ft
 QUANTITY INSPECTED: 965 ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.063"
 THICKNESS RECEIVED: 0.063"
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/>	N
CORROSION	Y <input checked="" type="checkbox"/>	N
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/>	N
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/>	N
CORRECT THICKNESS	Y <input checked="" type="checkbox"/>	N
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	N
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/>	H7:61011/01/08
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/>	N
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/>	N
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	N
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	N

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/08/10</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

HENAN WINOW IMPORT & EXPORT CO., LTD

OFFICE ADD: NO. 1407, BUILDING YUNFENG, SOUTH DONGFENG ROAD, ZHENGZHOU NEW DISTRICT.
ZHENGZHOU CITY, HENAN PROVINCE, 450001 P.R. CHINA

TEST CERTIFICATE

INVOICE NO.: WMS180111-1
PO NO.: 2211 2222 2233

DATE: 19-Mar-18

Description of goods			ALUMINUM SHEETS			Alloy and Temper			3003H14/H22 5052		
Technique Standard			ASTM B209/B632/AMS 4016 QQA 250/2 and AMS 4008 AMS QQ-A-250/8 and QQA 250/2			Chemical Composition Standard			H32 ASTM B209/B632/AMS 4016 QQA 250/2 and AMS 4008 AMS QQ-A-250/8 and QQA 250/2		
Chemical Composition											
Lot No.	Alloy & Temper	Dimension	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
G-18010428	3003H22	0.188"x60"x120" (4.775x1524x3048mm)	0.102	0.465	0.087	1.1	0.006	0.004	0.008	0.018	R
G-18010428	3003H22	0.188"x60"x144" (4.775x1524x3657mm)	0.102	0.465	0.087	1.1	0.006	0.004	0.008	0.018	R
G-18010420	3003H14	0.25"x60"x120" (6.35x1524x3048mm)	0.07	0.411	0.065	1.18	0.002	0.018	0.009	0.029	R
1802008	3003H14	0.1"x48"x96" (2.54x1219x2438mm)	0.058	0.413	0.071	1.16	0.024	0.02	0.009	0.022	R
G-18020681	5052H32	0.032"x48"x96" (0.813x1219x2438mm)	0.074	0.25	0.013	0.088	2.3	0.19	0.002	0.022	R
G-18020681	5052H32	0.032"x48"x120" (0.813x1219x3048mm)	0.074	0.25	0.012	0.087	2.29	0.19	0.002	0.022	R
G-18020433	5052H32	0.050"x60"x120" (1.27x1524x3048mm)	0.077	0.26	0.021	0.088	2.31	0.18	0.001	0.021	R
G-18010944	5052H32	0.080"x48"x120" (2.032x1219x3048mm)	0.071	0.25	0.019	0.093	2.31	0.17	0.002	0.031	R
G-18010944	5052H32	0.09"x48"x96" (2.286x1219x2438mm)	0.071	0.25	0.019	0.093	2.31	0.17	0.002	0.031	R
G-18010919	5052H32	0.125"x60"x96" (3.175x1524x2438mm)	0.077	0.26	0.026	0.088	2.33	0.18	0.001	0.019	R
G-18010919	5052H32	0.125"x60"x120" (3.175x1524x3048mm)	0.077	0.26	0.026	0.088	2.33	0.18	0.001	0.019	R
G-18010865	5052H32	0.125"x60"x120" (3.175x1524x3048mm)	0.081	0.27	0.031	0.087	2.35	0.17	0.002	0.02	R
G-18010919	5052H32	0.125"x60"x144" (3.175x1524x3657mm)	0.077	0.26	0.026	0.088	2.33	0.18	0.001	0.019	R
G-18020177	5052H32	0.188"x48"x96" (4.775x1219x2438mm)	0.091	0.31	0.035	0.089	2.29	0.19	0.001	0.021	R
G-18020177	5052H32	0.188"x48"x120" (4.775x1219x3048mm)	0.091	0.31	0.035	0.089	2.29	0.19	0.001	0.021	R

G-18020177	5052H32	0.188"x48"x144" (4.775x1219x3657mm)	0.091	0.31	0.035	0.089	2.29	0.19	0.001	0.021	R
G-18010943	5052H32	0.25"x48"x120" (6.35x1219x3048mm)	0.081	0.23	0.015	0.078	2.33	0.18	0.001	0.018	R
G-18010943	5052H32	0.25"x48"x144" (6.35x1219x3657mm)	0.071	0.26	0.025	0.085	2.31	0.17	0.003	0.02	R

Mechanical Property

Lot No.	Alloy & Temper	Dimension	Tensile Strength(MPa)	Yield Strength(Mpa)	Elongation(%)
G-18010428	3003H22	0.188"x60"x120" (4.775x1524x3048mm)	145	/	16
G-18010428	3003H22	0.188"x60"x144" (4.775x1524x3657mm)	145	/	16
G-18010420	3003H14	0.25"x60"x120" (6.35x1524x3048mm)	178	/	17
1802008	3003H14	0.1"x48"x96" (2.54x1219x2438mm)	175	/	18
G-18020681	5052H32	0.032"x48"x96" (0.813x1219x2438mm)	248	204	7
G-18020681	5052H32	0.032"x48"x120" (0.813x1219x3048mm)	248	204	7
G-18020433	5052H32	0.050"x60"x120" (1.27x1524x3048mm)	225	176	16
G-18010944	5052H32	0.080"x48"x120" (2.032x1219x3048mm)	222	172	13
G-18010944	5052H32	0.09"x48"x96" (2.286x1219x2438mm)	222	172	13
G-18010919	5052H32	0.125"x60"x96" (3.175x1524x2438mm)	226	165	18
G-18010919	5052H32	0.125"x60"x120" (3.175x1524x3048mm)	226	165	18
G-18010865	5052H32	0.125"x60"x120" (3.175x1524x3048mm)	225	166	14
G-18010919	5052H32	0.125"x60"x144" (3.175x1524x3657mm)	226	165	18
G-18020177	5052H32	0.188"x48"x96" (4.775x1219x2438mm)	210	183	15
G-18020177	5052H32	0.188"x48"x120" (4.775x1219x3048mm)	210	183	15
G-18020177	5052H32	0.188"x48"x144" (4.775x1219x3657mm)	210	183	15
G-18010943	5052H32	0.25"x48"x120" (6.35x1219x3048mm)	216	188	17
G-18010943	5052H32	0.25"x48"x144" (6.35x1219x3657mm)	216	188	17

HENAN WINOW IMPORT&EXPORT CO., LTD
HENAN WINOW IMPORT&EXPORT CO., LTD

Sally

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL 5052-H32 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/8 OR AMS-QQ-A-250/8
OR AMS 4016.

PART NUMBER

WHERE "X" IS - SHEET THREE

WILLIAMS - SHREEVE | MICROCHEMISTRY (IN LITERATURE)

EG. 0.063" THICK SHE

PREFERRED SIZE:

RELEASED
2019-10-30

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M5052H325.032
 DATE: 18/08/10

PO / BATCH NO.: P0040616/5101050

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 645F
 QUANTITY INSPECTED: 645F
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.032"
 THICKNESS RECEIVED: 0.032"
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<i>ASTM B209</i>
CORRECT THICKNESS	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<i>HT. G-18020681</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>A1</u>	SIGNED OFF BY: _____
DATE: <u>18/08/10</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

CERTIFICAT D'ANALYSE

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

2 août 2018

Part Number/Description	Shipped Qty			
MST15000	2,153 Pounds			
34.06250 x 146.18750	Plate 1-1/2 4140/42 Prehard			
ASTM A-829	→ Structural Steel Plate			
DFARS Compliant				
Country of Origin: SLOVENIA				
Lot: 427218A	PM Heat: 95008			
C: 0.4100	BHN: 307 = HR _C ≈ 32			
Cr: 0.9800	Mn: 0.7760	P: 0.0090	S: 0.0010	Si: 0.2230
	Mo: 0.1500	Cu: 0.2210	V: 0.0420	Ni: 0.1200

ITEM 5 : 1 X 4" X 72"

COMMANDE : 137136

REF : 40616

Métaux Solutions inc. certifie que les analyses sur ce document sont exactes et que le matériel rencontre les spécifications énumérées.

Préparé par

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE
 MAXIMUM ROCKWELL C = 28 Rc
 MAXIMUM ROCKWELL C = 32 Rc

SPECIFICATION:

PART NUMBER: ASTM A829 AMS 6395

MT-4140-S-[T,TTT] x [W,WWW]
 WHERE "T,TTT" = THICKNESS IN INCHES
 WHERE "W,WWW" = WIDTH IN INCHES (OPTIONAL FOR SPECIFYING CUT PLATE)

EX. 0.063" THICK SHEET = MT-4140-S-0.063
 EX. 3.5" WIDE BY 0.500" THICK PLATE = MT-4140-S-0.500X3.500

		REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A			NEW ISSUE	18-544	18/2/13	VM	ML
8		1					
7		2					
6		3					
5		4					
D							
C							
B							
A							

DART AeroSpace	
Worthington, Ohio, USA	
PART NO: MT-4140-S REV: A	
TITLE: AISI 4140 / 4142 STEEL SHEET OR PLATE	
TOOL NO.:	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE IN THOUSANDS OF AN INCHES. ALL DIMENSIONS SHOULD BE READ AS +/- .005".	
INITIALS AND DATE:	VM 21/3/2018
DESIGNED BY:	VM
DRAWN BY:	VM 02/13/2018
CHECKED BY:	VM 02/13/2018
MEP REVIEW BY:	DO 02/13/2018
APPROVED BY:	ML 02/14/2018
SCALE MTS	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-4140-5-1.500x4.000
 DATE: 18/08/17

PO / BATCH NO.: P0040616/5101052

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 6ft
 QUANTITY INSPECTED: 6ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.500"
 THICKNESS RECEIVED: 1.500"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	ASTM A829
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	HT. 95008
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/08/17</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in